

0280

OIPE

#3

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/757,781

DATE: 02/05/2001  
 TIME: 14:21:07

Input Set : A:\pc0032us\_seqlist.txt  
 Output Set: N:\CRF3\02052001\I757781.raw

```

2 <110> APPLICANT: Reddy, Roopa
3   Tang, Y. Tom
4   Baughn, Mariah R.
5   Krasnow, Randi E.
7 <120> TITLE OF INVENTION: ASIP-RELATED PROTEINS
9 <130> FILE REFERENCE: PC-0032 US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/757,781
C--> 12 <141> CURRENT FILING DATE: 2001-01-09
14 <160> NUMBER OF SEQ ID NOS: 63
15 <170> SOFTWARE: PERL Program
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 935
19 <212> TYPE: PRT
20 <213> ORGANISM: Homo sapiens
22 <220> FEATURE:
23 <221> NAME/KEY: misc_feature
24 <223> OTHER INFORMATION: Incyte ID No: 1555118CD1
26 <400> SEQUENCE: 1
27 Met Lys Val Thr Val Cys Phe Gly Arg Thr Gly Ile Val Val Pro
28   1           5           10          15
29 Cys Lys Glu Gly Gln Leu Arg Val Gly Glu Leu Thr Gln Gln Ala
30   20          25          30
31 Leu Gln Arg Tyr Leu Lys Thr Arg Glu Lys Gly Pro Gly Tyr Trp
32   35          40          45
33 Val Lys Ile His His Leu Glu Tyr Thr Asp Gly Gly Ile Leu Asp
34   50          55          60
35 Pro Asp Asp Val Leu Ala Asp Val Val Glu Asp Lys Asp Lys Leu
36   65          70          75
37 Ile Ala Val Phe Glu Glu Gln Glu Pro Leu His Lys Ile Glu Ser
38   80          85          90
39 Pro Ser Gly Asn Pro Ala Asp Arg Gln Ser Pro Asp Ala Phe Glu
40   95          100         105
41 Thr Glu Val Ala Ala Gln Leu Ala Ala Phe Lys Pro Ile Gly Gly
42   110         115         120
43 Glu Ile Glu Val Thr Pro Ser Ala Leu Lys Leu Gly Thr Pro Leu
44   125         130         135
45 Leu Val Arg Arg Ser Ser Asp Pro Val Pro Gly Pro Pro Ala Asp
46   140         145         150
47 Thr Gln Pro Ser Ala Ser His Pro Gly Gly Gln Ser Leu Lys Leu
48   155         160         165
49 Val Val Pro Asp Ser Thr Gln Asn Leu Glu Asp Arg Glu Val Leu
50   170         175         180
51 Asn Gly Val Gln Thr Glu Leu Leu Thr Ser Pro Arg Thr Lys Asp
52   185         190         195
53 Thr Leu Ser Asp Met Thr Arg Thr Val Glu Ile Ser Gly Glu Gly
54   200         205         210
55 Gly Pro Leu Gly Ile His Val Val Pro Phe Phe Ser Ser Leu Ser

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/757,781 DATE: 02/05/2001  
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Input Set : A:\pc0032us\_seqlist.txt  
 Output Set: N:\CRF3\02052001\I757781.raw

56	215	220	225
57	Gly Arg Ile Leu	Gly Leu Phe Ile Arg	Gly Ile Glu Asp Asn Ser
58	230	235	240
59	Arg Ser Lys Arg	Glu Gly Leu Phe His	Glu Asn Glu Cys Ile Val
60	245	250	255
61	Lys Ile Asn Asn	Val Asp Leu Val Asp	Lys Thr Phe Ala Gln Ala
62	260	265	270
63	Gln Asp Val Phe	Arg Gln Ala Met Lys	Ser Pro Ser Val Leu Leu
64	275	280	285
65	His Val Leu Pro	Pro Gln Asn Arg Glu	Gln Tyr Glu Lys Ser Val
66	290	295	300
67	Ile Gly Ser Leu	Asn Ile Phe Gly Asn	Asn Asp Gly Val Leu Lys
68	305	310	315
69	Thr Lys Val Pro	Pro Pro Val His Gly	Lys Ser Gly Leu Lys Thr
70	320	325	330
71	Ala Asn Leu Thr	Gly Thr Asp Ser Pro	Glu Thr Asp Ala Ser Ala
72	335	340	345
73	Ser Leu Gln Gln	Asn Lys Ser Pro Arg	Val Pro Arg Leu Gly Gly
74	350	355	360
75	Lys Pro Ser Ser	Pro Ser Leu Ser Pro	Leu Met Gly Phe Gly Ser
76	365	370	375
77	Asn Lys Asn Ala	Lys Ile Lys Ile	Asp Leu Lys Lys Gly Pro
78	380	385	390
79	Glu Gly Leu Gly	Phe Thr Val Val Thr	Arg Asp Ser Ser Ile His
80	395	400	405
81	Gly Pro Gly Pro	Ile Phe Val Lys Asn	Ile Leu Pro Lys Gly Ala
82	410	415	420
83	Ala Ile Lys Asp Gly	Arg Leu Gln Ser	Gly Asp Arg Ile Leu Glu
84	425	430	435
85	Val Asn Gly Arg Asp	Val Thr Gly Arg	Thr Gln Glu Glu Leu Val
86	440	445	450
87	Ala Met Leu Arg Ser	Thr Lys Gln Gly	Glu Thr Ala Ser Leu Val
88	455	460	465
89	Ile Ala Arg Gln	Glu Gly His Phe Leu	Pro Arg Glu Leu Lys Gly
90	470	475	480
91	Glu Pro Asp Cys	Cys Ala Leu Ser Leu	Glu Thr Ser Gln Gln Leu
92	485	490	495
93	Thr Phe Glu Ile Pro	Leu Asn Asp Ser	Gly Ser Ala Gly Leu Gly
94	500	505	510
95	Val Ser Leu Lys	Gly Asn Lys Ser Arg	Glu Thr Gly Thr Asp Leu
96	515	520	525
97	Gly Ile Phe Ile	Lys Ser Ile Ile His	Gly Gly Ala Ala Phe Lys
98	530	535	540
99	Asp Gly Arg Leu Arg	Met Asn Asp Gln	Leu Ile Ala Val Asn Gly
100	545	550	555
101	Glu Ser Leu Leu	Gly Lys Ser Asn His	Glu Ala Met Glu Thr Leu
102	560	565	570
103	Arg Arg Pro Met	Ser Met Glu Gly Asn	Ile Arg Gly Met Ile Gln
104	575	580	585

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Input Set : A:\pc0032us\_seqlist.txt  
 Output Set: N:\CRF3\02052001\I757781.raw

105 Leu Val Ile Leu Arg Arg Pro Glu Arg Pro Met Glu Asp Pro Ala  
 106 590 595 600  
 107 Glu Cys Gly Ala Phe Ser Lys Pro Cys Phe Glu Asn Cys Gln Asn  
 108 605 610 615  
 109 Ala Val Thr Thr Ser Arg Arg Asn Asp Asn Ser Ile Leu His Pro  
 110 620 625 630  
 111 Leu Gly Thr Cys Ser Pro Gln Asp Lys Gln Lys Gly Leu Leu Leu  
 112 635 640 645  
 113 Pro Asn Asp Gly Trp Ala Glu Ser Glu Val Pro Pro Ser Pro Thr  
 114 650 655 660  
 115 Pro His Ser Ala Leu Gly Leu Gly Leu Glu Asp Tyr Ser His Ser  
 116 665 670 675  
 117 Ser Gly Val Asp Ser Ala Val Tyr Phe Pro Asp Gln His Ile Asn  
 118 680 685 690  
 119 Phe Arg Ser Val Thr Pro Ala Arg Gln Pro Glu Ser Ile Asn Leu  
 120 695 700 705  
 121 Lys Ala Ser Lys Ser Met Asp Leu Val Pro Asp Glu Ser Lys Val  
 122 710 715 720  
 123 His Ser Leu Ala Gly Gln Lys Ser Glu Ser Pro Ser Lys Asp Phe  
 124 725 730 735  
 125 Gly Pro Thr Leu Gly Leu Lys Ser Ser Ser Leu Glu Ser Leu  
 126 740 745 750  
 127 Gln Thr Ala Val Ala Glu Val Arg Lys Asn Asp Leu Pro Phe His  
 128 755 760 765  
 129 Arg Pro Arg Pro His Met Val Arg Gly Arg Gly Cys Asn Glu Ser  
 130 770 775 780  
 131 Phe Arg Ala Ala Ile Asp Lys Ser Tyr Asp Gly Pro Glu Glu Ile  
 132 785 790 795  
 133 Glu Ala Asp Gly Leu Ser Asp Lys Ser Ser His Ser Gly Gln Gly  
 134 800 805 810  
 135 Ala Leu Asn Cys Glu Ser Ala Pro Gln Gly Asn Ser Glu Leu Glu  
 136 815 820 825  
 137 Asp Met Glu Asn Lys Ala Arg Lys Val Lys Lys Thr Lys Glu Lys  
 138 830 835 840  
 139 Glu Lys Lys Lys Glu Lys Gly Lys Leu Lys Val Lys Glu Lys Lys  
 140 845 850 855  
 141 Arg Lys Glu Glu Asn Glu Asp Pro Glu Arg Lys Ile Lys Lys Lys  
 142 860 865 870  
 143 Gly Phe Gly Ala Met Leu Arg Tyr Gly Pro Ala Leu Lys Ala Lys  
 144 875 880 885  
 145 Leu Val Leu Ile Leu Ser Leu Leu Lys Lys Ala His Ala Phe Pro  
 146 890 895 900  
 147 Arg Leu Gln Pro Asn Ala Tyr Gly Ser Gln Phe Cys Ala Arg Ser  
 148 905 910 915  
 149 Leu Ser Ala Glu Ala Glu Leu Phe Gly Glu Ser Tyr Ser Asp  
 150 920 925 930  
 151 Asp Arg Thr Leu Ser  
 152 935  
 154 <210> SEQ ID NO: 2

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/757,781 DATE: 02/05/2001  
TIME: 14:21:07

Input Set : A:\pc0032us\_seqlist.txt  
Output Set: N:\CRF3\02052001\I757781.raw

155 <211> LENGTH: 1356  
156 <212> TYPE: PRT  
157 <213> ORGANISM: Homo sapiens  
159 <220> FEATURE:  
160 <221> NAME/KEY: misc\_feature  
161 <223> OTHER INFORMATION: Incyte ID No: 2582063CD1  
163 <400> SEQUENCE: 2  
164 Met Lys Val Thr Val Cys Phe Gly Arg Thr Arg Val Val Val Pro  
165 1 5 10 15  
166 Cys Gly Asp Gly His Met Lys Val Phe Ser Leu Ile Gln Gln Ala  
167 20 25 30  
168 Val Thr Arg Tyr Arg Lys Ala Ile Ala Lys Asp Pro Asn Tyr Trp  
169 35 40 45  
170 Ile Gln Val His Arg Leu Glu His Gly Asp Gly Gly Ile Leu Asp  
171 50 55 60  
172 Leu Asp Asp Ile Leu Cys Asp Val Ala Asp Asp Lys Asp Arg Leu  
173 65 70 75  
174 Val Ala Val Phe Asp Glu Gln Asp Pro His His Gly Gly Asp Gly  
175 80 85 90  
176 Thr Ser Ala Ser Ser Thr Gly Thr Gln Ser Pro Glu Ile Phe Gly  
177 95 100 105  
178 Ser Glu Leu Gly Thr Asn Asn Val Ser Ala Phe Gln Pro Tyr Gln  
179 110 115 120  
180 Ala Thr Ser Glu Ile Glu Val Thr Pro Ser Val Leu Arg Ala Asn  
181 125 130 135  
182 Met Pro Leu His Val Arg Arg Ser Ser Asp Pro Ala Leu Ile Gly  
183 140 145 150  
184 Leu Ser Thr Ser Val Ser Asp Ser Asn Phe Ser Ser Glu Glu Pro  
185 155 160 165  
186 Ser Arg Lys Asn Pro Thr Arg Trp Ser Thr Thr Ala Gly Phe Leu  
187 170 175 180  
188 Lys Gln Asn Thr Ala Gly Ser Pro Lys Thr Cys Asp Arg Lys Lys  
189 185 190 195  
190 Asp Glu Asn Tyr Arg Ser Leu Pro Arg Asp Thr Ser Asn Trp Ser  
191 200 205 210  
192 Asn Gln Phe Gln Arg Asp Asn Ala Arg Ser Ser Leu Ser Ala Ser  
193 215 220 225  
194 His Pro Met Val Gly Lys Trp Leu Glu Lys Gln Glu Gln Asp Glu  
195 230 235 240  
196 Asp Gly Thr Glu Glu Asp Asn Ser Arg Val Glu Pro Val Gly His  
197 245 250 255  
198 Ala Asp Thr Gly Leu Glu His Ile Pro Asn Phe Ser Leu Asp Asp  
199 260 265 270  
200 Met Val Lys Leu Val Glu Val Pro Asn Asp Gly Gly Pro Leu Gly  
201 275 280 285  
202 Ile His Val Val Pro Phe Ser Ala Arg Gly Gly Arg Thr Leu Gly  
203 290 295 300  
204 Leu Leu Val Lys Arg Leu Glu Lys Gly Gly Lys Ala Glu His Glu  
205 305 310 315

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/757,781 DATE: 02/05/2001  
 TIME: 14:21:07

Input Set : A:\pc0032us\_seqlist.txt  
 Output Set: N:\CRF3\02052001\I757781.raw

206 Asn Leu Phe Arg Glu Asn Asp Cys Ile Val Arg Ile Asn Asp Gly  
 207 320 325 330  
 208 Asp Leu Arg Asn Arg Arg Phe Glu Gln Ala Gln His Met Phe Arg  
 209 335 340 345  
 210 Gln Ala Met Arg Thr Pro Ile Ile Trp Phe His Val Val Pro Ala  
 211 350 355 360  
 212 Ala Asn Lys Glu Gln Tyr Glu Gln Leu Ser Gln Ser Glu Lys Asn  
 213 365 370 375  
 214 Asn Tyr Tyr Ser Ser Arg Phe Ser Pro Asp Ser Gln Tyr Ile Asp  
 215 380 385 390  
 216 Asn Arg Ser Val Asn Ser Ala Gly Leu His Thr Val Gln Arg Ala  
 217 395 400 405  
 218 Pro Arg Leu Asn His Pro Pro Glu Gln Ile Asp Ser His Ser Arg  
 219 410 415 420  
 220 Leu Pro His Ser Ala His Pro Ser Gly Lys Pro Pro Ser Ala Pro  
 221 425 430 435  
 222 Ala Ser Ala Pro Gln Asn Val Phe Ser Thr Thr Val Ser Ser Gly  
 223 440 445 450  
 224 Tyr Asn Thr Lys Lys Ile Gly Lys Arg Leu Asn Ile Gln Leu Lys  
 225 455 460 465  
 226 Lys Gly Thr Glu Gly Leu Gly Phe Ser Ile Thr Ser Arg Asp Val  
 227 470 475 480  
 228 Thr Ile Gly Gly Ser Ala Pro Ile Tyr Val Lys Asn Ile Leu Pro  
 229 485 490 495  
 230 Arg Gly Ala Ala Ile Gln Asp Gly Arg Leu Lys Ala Gly Asp Arg  
 231 500 505 510  
 232 Leu Ile Glu Val Asn Gly Val Asp Leu Val Gly Lys Ser Gln Glu  
 233 515 520 525  
 234 Glu Val Val Ser Leu Leu Arg Ser Thr Lys Met Glu Gly Thr Val  
 235 530 535 540  
 236 Ser Leu Leu Val Phe Arg Gln Glu Asp Ala Phe His Pro Arg Glu  
 237 545 550 555  
 238 Leu Asn Ala Glu Pro Ser Gln Met Gln Ile Pro Lys Glu Thr Lys  
 239 560 565 570  
 240 Ala Glu Asp Glu Asp Ile Val Leu Thr Pro Asp Gly Thr Arg Glu  
 241 575 580 585  
 242 Phe Leu Thr Phe Glu Val Pro Leu Asn Asp Ser Gly Ser Ala Gly  
 243 590 595 600  
 244 Leu Gly Val Ser Val Lys Gly Asn Arg Ser Lys Glu Asn His Ala  
 245 605 610 615  
 246 Asp Leu Gly Ile Phe Val Lys Ser Ile Ile Asn Gly Gly Ala Ala  
 247 620 625 630  
 248 Ser Lys Asp Gly Arg Leu Arg Val Asn Asp Gln Leu Ile Ala Val  
 249 635 640 645  
 250 Asn Gly Glu Ser Leu Leu Gly Lys Thr Asn Gln Asp Ala Met Glu  
 251 650 655 660  
 252 Thr Leu Arg Arg Ser Met Ser Thr Glu Gly Asn Lys Arg Gly Met  
 253 665 670 675  
 254 Ile Gln Leu Ile Val Ala Arg Arg Ile Ser Lys Cys Asn Glu Leu

**Please Note:**

**Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.**

VERIFICATION SUMMARY DATE: 02/05/2001  
PATENT APPLICATION: US/09/757,781 TIME: 14:21:08

Input Set : A:\pc0032us\_seqlist.txt  
Output Set: N:\CRF3\02052001\I757781.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:1021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:1061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33  
L:1063 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33  
L:1067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33  
L:1115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35  
L:1305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45  
L:1307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45  
L:1308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45  
L:1383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49